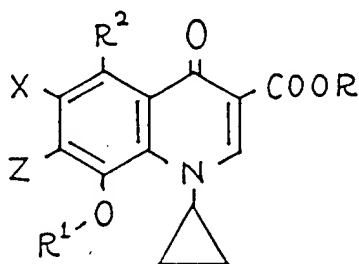
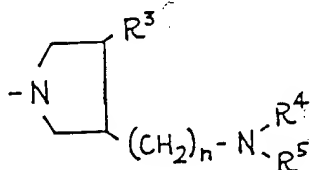


ABSTRACT OF THE DISCLOSURE

Quinolonecarboxylic acid derivatives of the following formula.



PS, wherein R indicates a hydrogen atom or lower alkyl group, R<sup>1</sup> indicates a lower alkyl group, R<sup>2</sup> indicates a hydrogen atom, amino group or nitro group, X indicates a halogen atom, and Z indicates a halogen atom, piperazino group, N-methylpiperazino group, 3-methylpiperazino group, 3-hydroxypyrrolidino group, or pyrrolidino group of the following formula,



PS (here, n is 0 or 1, R<sup>3</sup> indicates a hydrogen atom or lower alkyl group, R<sup>4</sup> indicates a hydrogen atom, lower alkyl group and R<sup>5</sup> indicates a hydrogen atom, lower alkyl group, acyl group or alkoxycarbonyl group), the hydrates and pharmaceutically acceptable salts thereof are useful as antibacterial agents.